

Title (en)

Method of fabrication of electronic devices using microfluidic channels

Title (de)

Methode, elektronische Anordnungen mittels Mikrokanälen herzustellen

Title (fr)

Méthode de fabrication de dispositifs semiconducteur par des micro-canaux

Publication

EP 1422766 A3 20070606 (EN)

Application

EP 03026733 A 20031121

Priority

US 30355102 A 20021122

Abstract (en)

[origin: EP1422766A2] A structure and method of using microfluidic channels to form an array of semiconductor devices is described. The microfluidic channels have been found to be particularly useful when formed in a self aligned process and used to interconnect a series of thin film transistor (TFT) devices.

IPC 8 full level

G03F 7/20 (2006.01); **H01L 21/336** (2006.01); **H01L 29/786** (2006.01); **H10K 99/00** (2023.01)

CPC (source: EP US)

H10K 19/10 (2023.02 - EP US); **H10K 71/12** (2023.02 - EP US); **H10K 71/20** (2023.02 - EP US); **H10K 71/60** (2023.02 - EP US); **H10K 10/462** (2023.02 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 03026733 A 20031121; BR 0305303 A 20031121; CA 2449632 A 20031117; DE 60335772 T 20031121; JP 2003390153 A 20031120; US 30355102 A 20021122